



Assembly Instructions Packet

CH200 Motorcycle Tire Changer

For our latest instructional videos, visit:

NoMarTireChanger.com

(or scan the QR code below)





CH200 Assembly Addendum 12/2017

Your CH200 Tire Changer has an updated design that is so new we haven't had a chance to update the assembly instructions yet!

1. All set screws as well as a number of other fasteners have been pre-installed in their specified locations at the factory to aid in identification and assembly.
2. The stand post now requires assembly:

In the hardware kit included in your stand assembly box, you will find four (4) 5/16"-18 x 3/4" flat socket-head cap screws (FSHCS) like this:



Use those 4 screws to attach the base plate to the bottom of the stand post with the included Allen wrench (you can tell the bottom by the orientation of the label on the stand post, and the top and front by the location of the attachment plate for the bead breaker arm). The bottom of the base plate will have six (6) concave chamfers for the screw heads. The center four (4) chamfered holes are used to secure the base plate to the stand post (the remaining two (2) chamfered holes are used to secure the bead breaker platen block to the base plate).

2. Your Posi-Clamps® have been pre-assembled with Standard Spools installed.
3. The Locking Lever in part 'W' on the assembly instructions is now a T-knob to prevent over-tightening:



4. Some screws may be more difficult than others to turn in due to powder coating residue in the threads. In these cases a drop of oil or other lubricant (such as WD-40®) can aid in installation, as well as partially tightening and then loosening gradually until the screw is completely fastened.

The remainder of the assembly process should match the assembly instructions.

If you have any difficulty assembling your tire changer, the instructional videos on our website are extremely thorough and helpful, and have been recently updated to show the changes described in these notes.

If you require further assistance or technical support, please call us at 888-98-NOMAR (888-986-6627) and we will be happy to assist you!



ASSEMBLY INSTRUCTIONS

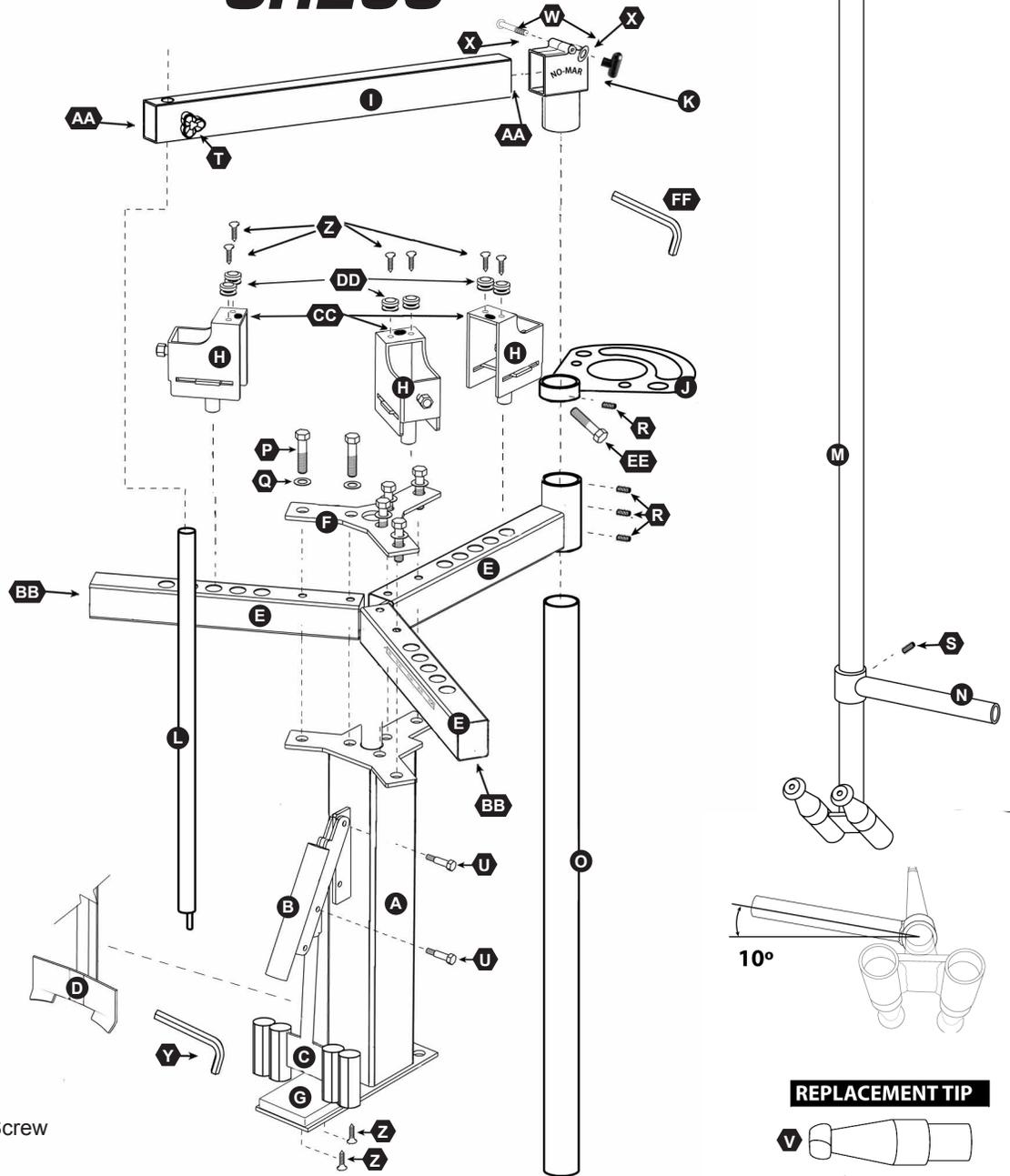
CH200

MACHINE PARTS

- A** Stand
- B** Bead Breaker Arm
- C** Scratch-Proof Bead Breaker
- D** ATV Bead Breaker
- E** Frame Arms (3)
- F** Frame Top 'Y' Plate
- G** HDPE Polyethylene Block
- H** Posi-Clamps® (3)
- I** Upper Slide Arm
- J** Tool Collar
- K** Billet T-Swivel Head
- L** Center Post
- M** Mount/Demount Bar
- N** Mount/Demount Bar Handle
- O** Back Post

ASSEMBLY PARTS

- P** 1/2"-13 x 4" Hex Bolts (6)
- Q** 1/2" Lock Washer (6)
- R** 5/16"-18 x 5/16" Set Screws (4)
- S** 5/16"-18 x 1/4" Set Screws (1)
- T** Small Knob (1)
- U** 5/16" x 3/4" Shoulder Bolt (2)
- V** Demount Tip (1)
- W** 3" Carriage Bolt & T-Knob
- X** 5/16" Flat Washer (1)
- Y** 5/32" Hex Key (1)
- Z** 5/16"-18 x 1-1/4" FHSCS (8)
- AA** 2"x3" Plastic Plugs (2)
- BB** 2"x2" Plastic Plugs (2)
- CC** Round Plug for Posi-Clamps (3)
- DD** Spools - Short or Tall (6)
- EE** 5/16"-18 x 3" Socket Head Cap Screw
- FF** 3/16" Hex Key (1)



ASSEMBLY INSTRUCTIONS

Changer Placement: We recommended assembling the CH200 before mounting to the floor so the user will better understand the space needed for the changer and changer tools.

STEP 1 Mount HDPE Block (G) to the Machine Stand Base (A) using two of the supplied 5/16 x 18 x 1-1/4 FHSCS (Z).

STEP 2 Attach machine stand plate to stand post (A) using the four supplied 5/16"-18 x 3/4" FHSCS (Parts & Procedure not shown in diagram).

STEP 3 Attach: Frame Arms (E) to the Machine Stand Base(A) by placing the Frame Arms(E) between the Frame Top Plate(F), Frame Lower Plate and the top of the stand (A) Fasten using six 1/2"-13 x4 Hex Bolts(P) and six 1/2" Lock Washers(Q) then insert 2x3 Plastic Plugs (AA) into Front Frame Arm (E).

STEP 3 Attach Bead Breaker Arm (B) to the Stand Base (A) using one 5/16"x 3/4" shoulder bolt (U).

STEP 4 Attach Bead Breaker (C or D) to the Breaker Arm (B) using the last 5/16" x 3/4" shoulder bolt (U).

STEP 5 Slide Tool Collar (with the weld facing towards the floor) (J) onto Back Post (O) and leave loose.

STEP 6 Slide Back Post (O) down into Back Frame Arm (E) Adjust Back Post (O) to correct height in the frame arm (E) *{ The easiest way to complete; measure from the bottom of frame back arm 5 inches down. That is where you want to have the bottom of your Back Post Secured}.

STEP 7 Secure Back Post (O) to Back Frame Arm (E) using three Set Screws 5/16"- 18 x 5/16 (R)

STEP 8 Secure Tool Collar (J) To Back Post (O) using your last 5/16"-18 x5/16" set screw(R) plus using supplied 5/16" x 18 x 3" Socket Head Cap Screw. **{ Measure down 8-inches from bottom Pre-Assembled Billet T-Head (K) to the top of tool collar (J). ***{ If facing the Changer, have the Tool Collar pointed to the 3 O'-Clock position this will allow the Socket Head Cap Screw to face the 7-8 O'-Clock position.}

STEP 9 Slide 3" Carriage Bolt(W) through Billet T-Head (K) Add supplied 5/16" Flat Washer to end of Carriage bolt (W) and Complete with Locking Lever and leave loose.

STEP 10 Assemble Upper Arm(I) using 2x2 Plastic Plug (BB) to each end. Insert small knob (T) into Upper Arm (I) loosely. Insert Upper Arm (I) into the Billet T-Head(K) with the small knob(T) facing to the right side of the changer, then lightly snug T-Knob (W).

STEP 11 Insert Posi-Clamps® (H) into Frame Arm hole of the desired wheel diameter. Insert the three Round Plastic plugs(CC) into top of Posi-Clamp® body using a Rubber mallet. Next Insert 5/16" x 18 x 1-1/4" FHSCS (Z) into Spool (DD) (short or tall your choice) into each threaded hole on each Posi-Clamp® (H). Screw Each spool tight to Posi-Clamp® body.

STEP 12 Slide Center Post (L) into Upper Arm (I) and snug knob (T) to center post (L).

STEP 13 Slide the Mount/Demount Bar Handle (N) onto the Mount/Demount Bar (M) so the tube covers "Mount Handle Here" sticker. Position handle with a 10 degree angle as shown and set using a 5/16" x 1/4" Set Screw (S) and 5/32" Allen Wrench(Y)

STEP 14 Place Changer where it is going to be mounted to the floor, then mark the floor through the four open mounting holes and drill. When finished drilling clear out each hole with compressed air. Drill size will be depended on choice of anchor method. ****{if using the Roll-on-Base, Hardware will be supplied}.

--For Instruction on how to change a tire, see the instruction sheet included or download them from our website.

This photo shows what the assembled CH200 should look like:



This photo shows how to use the new tire for support while breaking the bead on the old tire:

